

ABSTRACT

By controlling a rough surface pattern of a light control film having said pattern on one surface to satisfy certain conditions, a light control film with reasonable light diffusion and without problems of glare is provided. The use of a fewer sheets of such light control film ensures improved front luminance.

The certain conditions are as follows: where the refraction index of the material comprising the film is n , regarding any cross section perpendicular to the base plane of the film, the average of absolute values of slope (θ_{ave} (degree)) of a curve along the edge of the cross section contoured by the rough surface pattern (hereinafter a profile curve) is $(78-34n)$ degree or higher and $(118-34n)$ degree or lower, or the average of absolute values of slope (θ_{ave} (degree)) of a profile curve and the ratio ($L_r=L_2/L_1$) of the length (L_2) of aforementioned profile curve to the length (L_1) of a straight line defined by the intersection of the base plane and the cross section satisfy the following Formula (3) or Formula (4) for substantially all cross sections.

$$\theta_{ave} \div L_r \times n^2 \geq 40 \quad (3)$$

$$50 \leq \theta_{ave} \times L_r \times n^2 \leq 135 \quad (4)$$